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St. John's Coll., Cambridge, Nov. 1, 1839.

XXXII.—*Notice of some Fungi collected by C. Darwin, Esq., during the Expedition of H. M. Ship Beagle.* By the Rev. M. J. BERKELEY, M.A., F.L.S.

[With Plates, No. VIII. and IX.]

THE Fungi here noticed were placed in my hands some time since by Prof. Henslow. I am not certain whether they are all that were collected by Mr. Darwin, though it is probable, from the great mass of other matter upon his hands, that such is the case. Though the number is small, two of them at least are quite new, and the *Dædalea* is one of the most beautiful of its race.

1. *Polyporus sanguineus*, Meyer (No. 464).

Rio Janeiro. May.

2. *Stilbum lateritium*, n. s. Gregarious, bursting from beneath the bark, solitary or subfasciculate, pale brick-red; stems about 1 line high, thickest at the base and dusky; often confluent and flattened, pruinose from the presence of short curved obtuse flocci. Capitula ovate or subhemispherical, minutely setulose. Sporidia oblong.

Rio Janeiro. May. With the last. This is certainly very near to *Stilbum cinnabarinum*, Montagne, 'Ann. d. Sc. Nat.' n. s. vol. viii. p. 360, a species found in Cuba, of which I have

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3. *Thelephora lobata*, Kz. Fr. in Linnæa, (No. 599.)

Rio Janeiro. May.

4. *Polyporus pinsitus*, Fr. El. (No. 599.)

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5. *Polyporus australis*, Fr. (No. 600.)

Rio Janeiro. June.

6. *Polyporus versicolor*, Fr. (No. 1345.)

Falkland Islands on the underside of timber. Entirely resupinate.

7. *Sporidesmium adscendens*, n. s. Flocci bent at the base and filiform, flexuous, above abruptly incrassated; apex attenuated, truncate. Forming elongated black patches on the pileus of *Polyporus versicolor*. Allied to *Sporidesmium hormiscioides*, but in that species the threads have no distinct thickened portion above as in the present species. The articulations contain a large globule.

With the last. Falkland Islands.

8. *Dadalea erubescens*, n. s. Cæspitose, confluent. Pileus $4\frac{1}{2}$ inches broad, coriaceous, depressed in the centre with the margin broadly deflexed, minutely velvety and silky, zoned, fulvous-cinnamon, nearly even, with the exception of one or two well-marked ridges; margin irregular, slightly fringed. Gills broad, unequal, distinct, rigid, much jagged, tinged with pink towards the margin, running down to the very base of the stem, on which they anastomose, and are clothed with a beautiful velvety pile. Stem central, 2 inches high, $\frac{1}{3}$ of an inch thick, solid, dilated upwards into the pileus, velvety marked with oblong reticulations from the decurrent gills,

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